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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT NO.	<input type="text"/> 25X1
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At present, there is being built at the RFT Funkwerk Koepenick a 10-watt medium wave length transmitter, intended to be mounted on ships beside a larger and more powerful transmitter. The construction of the set is difficult since it is supposed to operate on five fixed frequencies by remote control. These five frequencies are adjustable and shifted by means of coils. There must be a tuning means available whereby one can reach the chosen frequencies. In order to obtain tuning throughout the five ranges, tuning by variometer is necessary, which is gauged with the other tuning device. Resonance is achieved by motor-driven controls in which current passing through the variometer is the controlling factor. Hand tuning of the transmitter can be achieved by pulling out the tuning knob on the rotary selector, releasing the catch between the motor and the tuning controls. The manufacture of the gear wheels is especially difficult. The transmitter is equipped with a P 50 as a final amplifier and can be used in A1 or A2 type transmissions.

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